**Index of Claims** 

| App | lication/ | Control | No. |
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10/030,466

Examiner

Jennine M. Brown

Applicant(s)/Patent under Reexamination

SACCHETTI ET AL.
Art Unit

1755

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| Α | Appeal   |
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| Cla             | aim          |         |            | D  | ate            |                 |          | ]            | Cla               | im           |   | Date             |                 |                  | 4 4<br>1 4 | Cla           | aim        | ··· · -··     |          | [               | ate   | -                  | -   |  |
|-----------------|--------------|---------|------------|--|----------------|-----------------|----------|--------------|-------------------|--------------|---|------------------|-----------------|------------------|------------|---------------|------------|---------------|----------|-----------------|---|--------------------|---|--|
| l _             | <del>-</del> | 2       |            |  |                |                 |          | 14-1<br>14-2 | ·                 | <del>-</del> |   |                  |                 |                  |            |               | al         |               |          |                 |   |                    |   |  |
| Final           | Original     | 11/9/05 |            |  | ı              |                 |          | 1            | Final             | Original     |   |                  |                 |                  | - 5        | Final         | Original   |               | 1        |                 |   |                    |   |  |
| 证               | 5            | 11/     |            |  |                |                 |          |              | 正                 | 5            |   |                  |                 |                  |            | Ξ             | Öni        |               |          |                 |   |                    |   |  |
|                 |              | L       |            | $\vdash$   | $\perp$        | +               | _        |              |                   |              |   | $\perp$          | $\perp$         |                  |            |               |            |               |          | Ш               | 4   | 4                  |   | —  |
|                 | 1            | 1       |            | $\sqcup$   |                |                 | _        |              |                   | 51           |   | $\dashv$         |                 |                  |            |               | 101        |               | <u> </u> | Ш               | _   | _                  | 4   | ┷  |
|                 | 2            | 4       |            | -  | $\dashv$       | $\perp$         |          | ľ            |                   | 52           |   | $\dashv$         |                 |                  |            |               | 102        |               |          | Ш               | _   | _                  | +   | ┵  |
|                 | 3            | 4       | -          | $\vdash$   |                |                 | _        |              | $\vdash$          | 53           |   |                  | $\dashv$        | -                |            |               | 103        | +             | ╄        |                 | _   | $\dashv$           | -   | -  |
| <u> </u>        | 4            | ╨       | $\vdash$   | -  |                | +               | +        | 46           | $\longrightarrow$ | 54           | +   | ++               | $\dashv$        | - -              |            |               | 104        |               | -        | Н               | -   | $\dashv$           | +   | -  |
|                 | 5            | 4       |            | ⊢  |                |                 | -        |              | $\vdash$          | 55           | <del>- - -</del>                                  |                  |                 | -                |            |               | 105        | _             | -        | Н               | _   | 4                  | +   | -  |
| <u> </u>        | 6<br>7       | +       |            | $\vdash$   | +              | +               | _        |              | $\vdash$          | 56<br>57     | <del></del>                                       |                  | $\dashv$        |                  |            |               | 106        | +             | _        | Н               |   | +                  | -   | +  |
|                 | 8            | +       |            | ╁  |                |                 |          |              |                   | 58           |   |                  | $\dashv$        | +                |            |               | 107<br>108 |               | +        | $\vdash$        | -   | -                  | +   | +  |
|                 | 9            | +       |            | $\vdash$   | +              | ++              | +        | 11           | $\vdash$          | 59           |   | -}               | +               |                  |            |               | 109        | +             | +        | $\vdash$        | -   | <b>-</b>           | +   | +  |
|                 | 10           | ╁       | ——         | $\vdash$   | +              | +               | +        |              |                   | 60           |   | -1               | +-+             | -+-              | 1          |               | 110        | -             | +        | -               | $\dashv$  | _                  | +   | +  |
| $\vdash$        | 11           | +       | $\vdash$   | <del>                                     </del> | +              | +-+             | +        |              |                   | 61           |   |                  | +               | $\dashv \dashv$  | 1.         |               | 111        |               | $\vdash$ | $\vdash \vdash$ | $\dashv$  | +                  | +   | +-   |
| $\vdash$        | 12           | +       |            | $\vdash$   | +              | ++              | $\dashv$ |              | $\vdash$          | 62           |   |                  | $\dashv$        | $\dashv \vdash$  | 1          |               | 112        | $\dashv$      | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$           | +   | +  |
|                 | 13           | +       | +          | <del>                                     </del> | $\dashv$       | ++              | +        |              |                   | 63           | +++   | +                | $\dashv$        | +                | 4          |               | 113        | +             | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$           | +   | ┿  |
| $\vdash$        | 14           | +       | $\vdash$   | $\vdash$   | +              | +-+             | +        |              | $\vdash$          | 64           | +++   |                  | +               | $\dashv \vdash$  |            |               | 114        | - -           | $\vdash$ | $\vdash \vdash$ | $\dashv$  | +                  | +   | ┿  |
|                 | 15           | +       | $\vdash$   | $\vdash$   | +              | +               | $\dashv$ | 1 1          | $\vdash$          | 65           | <del>-   -   -  </del>                            | $\dashv \dashv$  | $\dashv$        | $\dashv \vdash$  |            |               | 115        |               | $\vdash$ | $\vdash \vdash$ | $\dashv$  | +                  | +   | +  |
|                 | 16           | +       | _          | <del>   </del> -                                 |                | $\dashv \dashv$ |          |              |                   | 66           | ++++  |                  | +               | $\dashv$         |            |               | 116        | -             | +        | $\vdash$        | $\dashv$  | +                  | +   | +  |
| <b></b>         | 17           | +       | $\vdash$   | $\vdash$   | +              | ++              |          | W            |                   | 67           | +++   | ++               | $\dashv$        | $\dashv$         |            |               | 117        |               | $\vdash$ |                 | $\dashv$  | +                  | +   | +  |
| $\vdash$        | 18           | +       |            | $\vdash$   | +              | ╅               |          |              | $\vdash$          | 68           | <del>-   -   -  </del>                            | $\dashv \dashv$  | ++              | $\dashv\dashv$   |            |               | 118        | _             | $\vdash$ | $\vdash$        | $\dashv$  | +                  | +   | +  |
|                 | 19           | +       |            | -  | +              | +               | _        |              |                   | 69           |   | +                | +               |                  |            |               | 119        | -             | +        |                 | $\dashv$  | $\dashv$           | +   | +  |
|                 | 20           | 1       |            | $\vdash$   |                | ++              | $\dashv$ |              |                   | 70           |   |                  | +               |                  |            |               | 120        |               | +        | $\vdash$        | +   | +                  | +   | +  |
| $\vdash \vdash$ | 21           | -       |            | $\vdash$   | +              | ++              |          |              |                   | 71           | +++   | +++              | $\dashv$        |                  | l) l       |               | 121        |               | +        | $\vdash$        | -   | +                  | +   | +  |
|                 | 22           |         |            | $\vdash \vdash$                                  |                | +               | _        |              |                   | 72           | ++++  | +                | ++              | +                |            | $\dashv$      | 122        |               | 1        | $\dashv$        | $\dashv$  | +                  | +   |  |
|                 | 23           | _       |            | $\vdash$   | +              | +               |          | ħ.           |                   | 73           |   | <del></del>      | +               |                  | -          |               | 123        |               | $\vdash$ |                 | +   | +                  | +   | +-   |
|                 | 24           | _       |            | H  | +              | +               | $\dashv$ |              |                   | 74           | <del>-        </del>                              |                  |                 | -                | #J         | $\rightarrow$ | 124        | $\dashv$      | +        | $\dashv$        | $\dashv$  | $\dashv$           | +   |  |
|                 | 25           | _       | +          | H  | +              | ++              | $\dashv$ |              |                   | 75           | +   |                  |                 | $\dashv$         |            |               | 125        |               | +        |                 | $\dashv$  | $\dashv$           | +   | +  |
|                 | 26           | $\neg$  | $\dashv$   |  | +              | 11              | $\top$   |              |                   | 76           |   | $\rightarrow$    | $\pm$           | 1                | M          | -             | 126        | +             | $\Box$   | $\dashv$        | $\dashv$  | 十                  | -   | +  |
|                 | 27           |         |            | $\vdash$   | _              | +               |          |              |                   | 77           | $\pm\pm\pm$                                       | +++              | $\pm \pm$       | $\dashv$         | -          |               | 127        | _             | $\Box$   |                 | +   | $\dashv$           | -   | +  |
|                 | 28           |         | 1          |  | $\dashv$       | ++              |          |              |                   | 78           | <del>                                      </del> |                  | $\dashv$        | $\dashv$         |            |               | 128        | _             | $\Box$   |                 | +   | +                  | _   | +  |
|                 | 29           |         |            |  | 1              |                 |          | 21.1         |                   | 79           |   | 11               | +               | $\neg \neg \neg$ |            |               | 129        | $\top$        |          |                 | _   | <b>-</b> †         | $\dashv$  | +  |
|                 | 30           |         |            |  | 十              |                 |          | 9<br>9<br>1  |                   | 80           |   | 11               | 11              | $\dashv$         | Ħ          |               | 130        |               | 1-1      | $\neg$          | 寸   | _                  | $\top$  |  |
|                 | 31           |         |            |  | 十              | 11              |          | 1            |                   | 81           | $\neg$  | 11               | $\dashv$        | $\dashv \dashv$  |            |               | 131        |               |          | 寸               | 十   | $\dashv$           | $\top$  | +  |
|                 | 32           | $\neg$  |            |  |                | 11              | $\top$   |              |                   | 82           |   | 11               | $\top$          |                  | ##         |               | 132        |               | 1 1      | 寸               | 寸   | 1                  | +   | +  |
|                 | 33           |         |            |  |                | 11              |          |              |                   | 83           |   | 11               | $\dashv \dashv$ |                  | -          |               | 133        | $\neg$        |          | $\neg$          | $\dashv$  | 1                  | $\neg$  | +  |
|                 | 34           |         |            |  |                |                 |          |              |                   | 84           |   | $\top$           | 7-1             | $\neg \neg$      |            |               | 134        | $\top$        | $\Box$   | $\neg$          | $\dashv$  | 十                  | $\top$  | 1  |
|                 | 35           |         |            |  |                | $\perp$         |          |              |                   | 85           |   |                  | $\Box$          | $\sqcap$         | - 1        |               | 135        | $\neg \vdash$ | $\sqcap$ | $\neg$          |   | $\top$             | $\top$  | $\top$   |
|                 | 36           |         |            |  |                | $\top$          |          |              | - 1               | 86           |   |                  | $\top$          | $\sqcap$         | H          |               | 136        |               | П        |                 | $\neg$  |                    | $\top$  | $\top$   |
|                 | 37           |         |            |  |                | $\prod$         |          |              |                   | 87           |   | $\perp \uparrow$ |                 |                  |            |               | 137        |               |          | 一               | $\neg$  |                    | $\top$  | $\top$   |
|                 | 38           |         |            |  |                | $\Box$          |          | e            |                   | 88           |   |                  |                 |                  | :          |               | 138        | $\top$        | П        |                 | $\dashv$  | $\top$             | $\top$  | $\top$   |
|                 | 39           |         |            |  |                |                 |          | - 25         |                   | 89           |   |                  |                 |                  |            |               | 139        |               |          |                 |   | _                  | ▔   | T  |
|                 | 40           |         |            |  |                |                 |          |              |                   | 90           |   |                  |                 |                  | i I        |               | 140        |               |          |                 |   |                    | ╗   | T  |
|                 | 41           | $\Box$  |            |  |                |                 |          | 25 S         |                   | 91           |   |                  |                 |                  |            |               | 141        |               |          | $\Box$          | J   | I                  | $\Box$  |  |
|                 | 42           |         |            |  |                |                 |          | 7            |                   | 92           |   |                  |                 |                  | M          |               | 142        |               |          |                 | $\Box$  | $\Box$             | I   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$  |
|                 | 43           |         |            |  | $\Box$         | $\Box$          |          | [            |                   | 93           |   |                  |                 |                  |            |               | 143        |               |          |                 |   | $oxed{\Gamma}$     | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$  |
|                 | 44           |         |            |  |                |                 |          | [            |                   | 94           |   |                  |                 |                  | ៈ[         |               | 144        |               |          | $\Box$          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oxed{I}$          |   | $oldsymbol{ol}}}}}}}}}}}}} $ |
|                 | 45           |         | $\Box\Box$ |  | $\perp \Gamma$ | $\prod$         |          | [            |                   | 95           |   |                  |                 |                  |            |               | 145        |               | $\Box$   | $\Box$          | $\Box$  | $\Box$             |   |  |
|                 | 46           | [       | ot         |  |                | $\prod$         |          | [            |                   | 96           |   |                  |                 |                  | [4]        |               | 146        |               |          |                 |   | $oxed{\mathbb{I}}$ |   |  |
|                 | 47           | ]       | $\Box$     |  |                |                 |          | 15 J         |                   | 97           |   |                  |                 |                  |            |               | 147        |               |          | J               |   |                    |   |  |
|                 | 48           |         | $\Box$     |  |                |                 | $\Box$   |              |                   | 98           |   |                  |                 |                  | _[         |               | 148        |               | $\Box$   |                 |   | $oxed{oxed}$       | $oldsymbol{\perp}$  |  |
|                 | 49           |         | ot         |  |                |                 |          |              |                   | 99           |   |                  |                 |                  |            |               | 149        |               | Ш        |                 | $\Box$  | $oxed{T}$          |   |  |
|                 | 50           |         |            |  |                | $\perp \perp$   |          |              |                   | 100          |   |                  |                 |                  | : [        |               | 150        |               | I I      | I               |   | T                  | T   |  |